

# California OES Weather Threat Briefing

November 7, 2018  
9:00 AM PST

- **Day 1 Primary Hazards:** Elevated fire weather conditions for areas of Inland and Coastal Regions

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National Weather Service  
*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# Key Points

11/07/18 - 11/13/18

## Wednesday

- Elevated fire weather conditions will continue across much of the state due to increased north and northeast winds and continued dry humidity conditions.

## Wednesday Night - Friday

- Critical fire weather conditions likely due to gusty winds and low relative humidity. All regions of California will see some areas of these critical conditions; the strongest winds are expected in:
  - East Bay Hills and North Bay Mountains of the SF Bay Area
  - Most of southern California

## Saturday

- Winds weakening, but lingering elevated to locally critical fire weather conditions likely.

## Sunday - Monday

- Southern California could see a repeat moderate Santa Ana wind event, with winds potentially gusting to 50 mph once again



# California Weather Impacts

11/07/18 - 11/13/18

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	Southern	Southern	All Regions
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

# Thursday-Friday Offshore Wind Event Summary

- **A moderate offshore wind event is expected Thursday and Friday. The areas with the strongest forecast winds include:**
  - **Most of southern California**
  - **The East Bay Hills and North Bay Mountains of the SF Bay Area**
- **Speeds**
  - Sustained winds 20-30 mph with gusts 35-50 mph are generally expected
  - Higher gusts up to 60 mph possible in the mountains
- **Other locations**
  - Elevated to critical fire weather conditions are also expected across much of California. In particular, much of the Inland Region will also see very dry conditions and 30-45 mph wind gusts.



# Thursday-Friday Offshore Wind Event Summary

- **Relative Humidity**

- Relative humidity is expected to bottom out at 5-10 percent, with poor overnight recoveries in the hills and windier locations

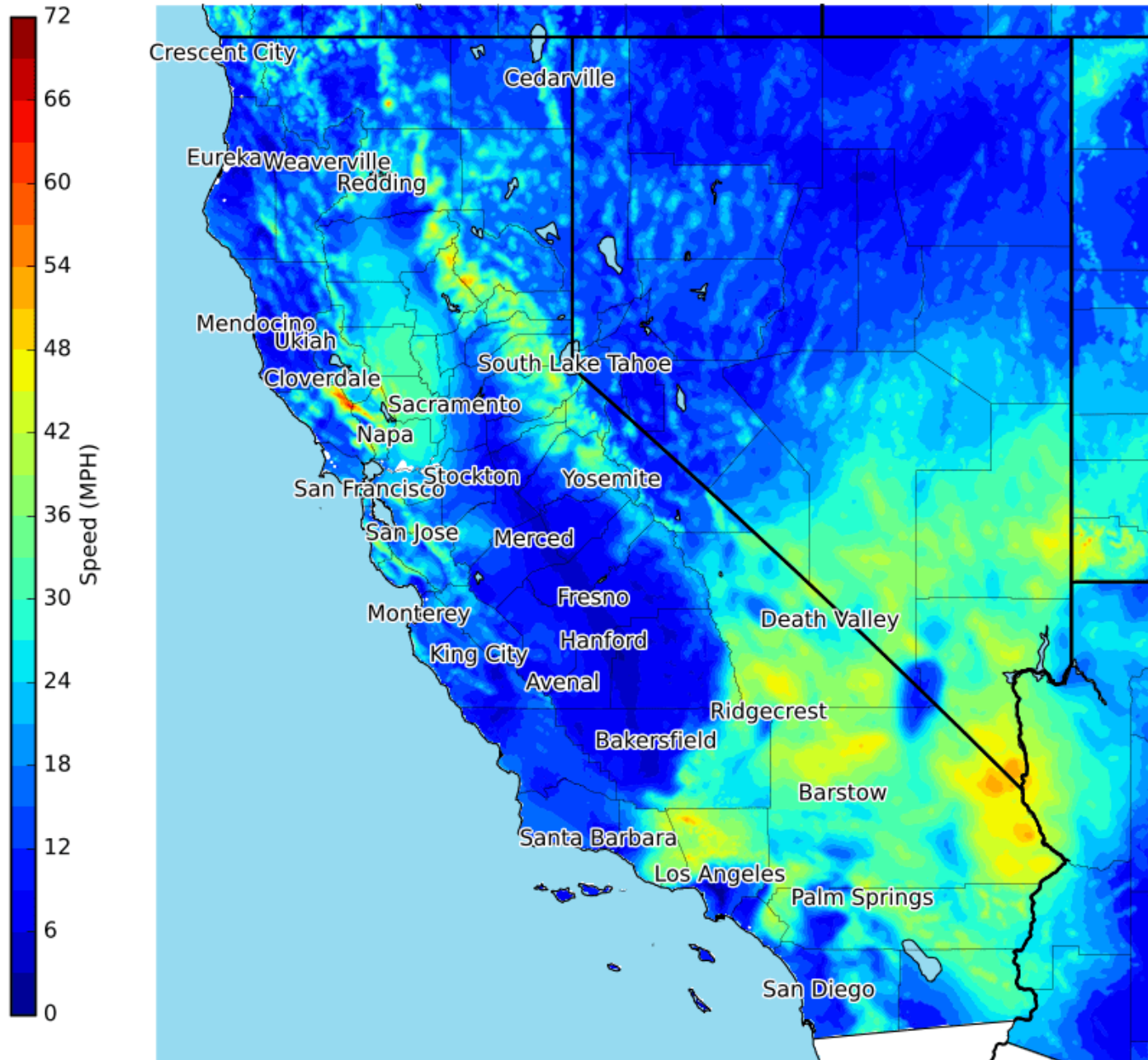
- **Timing**

- Offshore winds will start to increase significantly early Thursday
- The strongest winds are expected Thursday night into Friday morning
- Critical conditions will continue through the day Friday, before winds weaken late Friday into Saturday

- Southern California could see another moderate Santa Ana wind event Sunday night into Monday morning

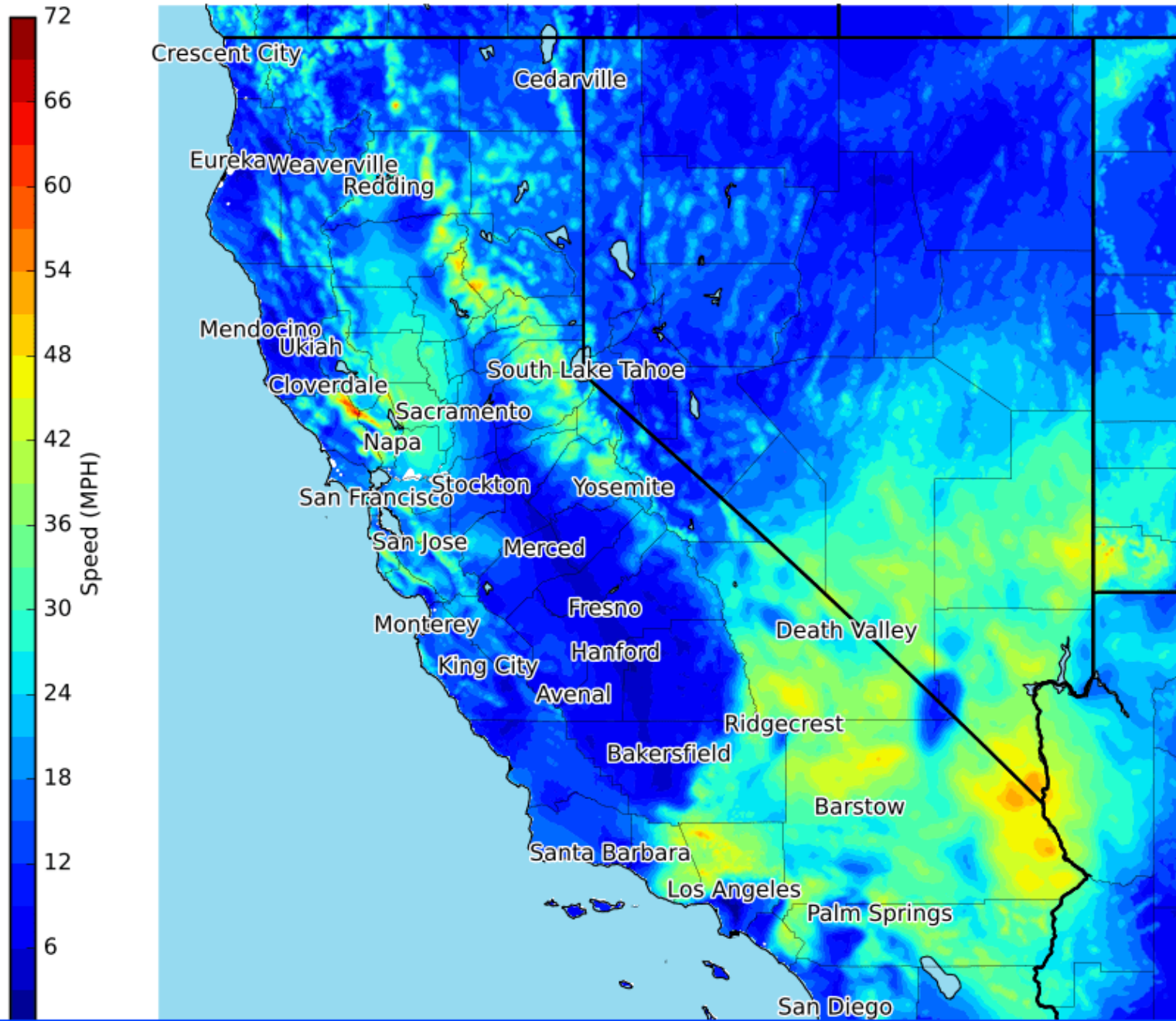


# Forecasted Peak Wind Gusts Thursday (daytime)





# Forecasted Peak Wind Gusts Thursday Night/Friday Morning



# 6-10 Day Outlook

## **Temperatures**

- Above normal temperatures likely for much of the state

## **Precipitation**

- Below normal precipitation is slightly favored for most of the state

# 8-14 Day Outlook

## **Temperatures**

- Above normal temperatures are favored across the state

## **Precipitation**

- Below normal precipitation slightly favored for most of the state





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